|  | <br>Claims |  |
|--|------------|--|
|  |            |  |

| <b>Applica</b> |  |  |
|----------------|--|--|
|                |  |  |
|                |  |  |
|                |  |  |

10/775,520

Date

Examiner

Marcia A. Golub

Applicant(s)/Patent under Reexamination

CHIEN ET AL.

Art Unit

2828

✓ Rejected= Allowed

\_ (Through numeral)
Cancelled

Claim

Restricted

N Non-Elected

I Interference

A Appeal
O Objected

|            |  | ш        |          | —            |                                |          | ı            |  |              |                 |
|------------|--|----------|----------|--------------|--------------------------------|----------|--------------|--|--------------|-----------------|
| <u> </u>   | Date   |          |          |              |                                |          |              |  |              |                 |
| Cla        |  | l Date   |          |              |                                |          |              |  | $\dashv$     |                 |
| <u></u>    | Original   | 4/10/06  |          |              |                                |          |              |  |              |                 |
| Final      | iĝi  | 9        |          |              |                                |          |              |  | 1            | 1               |
| "          | ō  | 4        |          |              |                                |          |              |  |              |                 |
|            | 1  | 1        | -        |              | _                              |          |              |  | _            | Н               |
| $\vdash$   | 2  | 777      |          |              |                                |          |              |  |              | П               |
|            | 3  | 1        |          |              |                                |          |              |  |              |                 |
|            | 1<br>2<br>3<br>4   |          |          |              |                                |          |              |  |              |                 |
|            | - 5  |          |          |              |                                |          |              |  |              |                 |
|            | 6  | 1        |          |              |                                |          |              |  | L            | Щ               |
| <u> </u>   | 7  | ٧.       |          |              | L.,                            | <u> </u> |              |  |              |                 |
| <u> </u>   | 8  | 7777     |          |              | -                              | -        | $\vdash$     |  |              | Н               |
| <u> </u>   | 45   | <u> </u> |          |              |                                | H        | -            | _  | -            | Н               |
|            | #  | -        |          |              | _                              | _        | H            | _  | $\vdash$     | $\vdash$        |
| -          | 12   | 1        |          | -            | _                              | $\vdash$ | H            |  | -            | Н               |
| $\vdash$   | 13   | <b> </b> | H        | $\vdash$     | -                              | $\vdash$ | H            | H  | H            | Н               |
|            | 14   | -        |          | $\vdash$     | $\vdash$                       | Н        |              | $\vdash$   |              | H               |
|            | 8<br>9<br>10<br>11<br>12<br>13<br>14<br>15<br>16<br>17<br>18<br>19<br>20<br>21<br>22<br>23 | Г        |          |              | Г                              | Г        | Г            | Г  | П            | П               |
|            | 16   | Π        |          |              |                                | Г        |              |  |              |                 |
|            | 17   |          |          |              |                                |          |              |  |              |                 |
|            | 18   |          |          |              |                                |          |              |  |              |                 |
|            | 19   | <u> </u> | _        | L            |                                |          | <u> </u>     | _  | _            | Ш               |
|            | 20   | <u> </u> | <u> </u> |              | <u> </u>                       | <u> </u> | <u> </u>     | _  |              | Ц               |
| <b></b>    | 21   | <u> </u> | <u> </u> | ļ            | <u> </u>                       | <u> </u> | <u> </u>     | <u> </u>   | <u> </u>     | Н               |
|            | 22   | -        |          | <u> </u>     | <u> </u>                       | -        | H            | <del> </del>   | <u> </u>     | Н               |
| -          | 24   | ⊢        | ├-       | -            |                                | ⊢        | ├            | ┝  | <del> </del> | Н               |
|            | 24<br>25<br>26<br>27<br>28<br>29<br>30<br>31   | ╁        | ┝        | ┢            | -                              | ┝        | -            | ┢  | ┢─           | Н               |
|            | 26   | ┢        | ┢        | $\vdash$     | -                              | $\vdash$ | ┢──          | $\vdash$   | _            | $\vdash$        |
|            | 27   | ┰        | $\vdash$ | $\vdash$     | -                              | ┞        | <u> </u>     | I  |              | Н               |
|            | 28   | 1        |          |              |                                |          | l            |  |              | П               |
|            | 29   |          |          |              |                                |          |              |  |              |                 |
|            | 30   |          |          |              |                                |          |              |  |              |                 |
|            | 31   | $\prod$  | $\Box$   |              | $oxedsymbol{oxedsymbol{oxed}}$ | Ĺ        |              |  |              | Ш               |
| L          | 32<br>33   | <b> </b> | <u> </u> | <u> </u>     | <u> </u>                       | ļ        | _            | $ldsymbol{ld}}}}}}$ | <u> </u>     | $\sqcup$        |
| <u> </u>   | 33   | <u> </u> | $\vdash$ | <u> </u>     | $\vdash$                       | $\vdash$ | $\vdash$     | $\vdash$   | <u> </u>     | Н               |
| ├—         | 34   | ├        | $\vdash$ | <del> </del> | -                              | ├        | <del> </del> | $\vdash$   |              | Н               |
|            | 35<br>36   | $\vdash$ | $\vdash$ | -            | $\vdash$                       | $\vdash$ | $\vdash$     | ⊢  | -            | Н               |
| $\vdash$   | 37   | ├        | ┝        | $\vdash$     |                                | $\vdash$ | <del> </del> | $\vdash$   | -            | Н               |
| <b>-</b> - | 38   |          |          | $\vdash$     | $\vdash$                       | $\vdash$ | $\vdash$     | $\vdash$   | $\vdash$     | Н               |
|            | 39   | $\vdash$ |          | $\vdash$     |                                |          |              | Т  |              | П               |
|            | 40   | $\vdash$ |          |              |                                |          |              |  |              |                 |
|            | 41   |          |          |              |                                |          |              |  |              |                 |
|            | 42   |          |          | Ĺ            |                                | 匚        |              |  |              | Ш               |
|            | 43   |          |          | L            |                                | _        | L            | _  | <u> </u>     | Щ               |
| <u></u>    | 44   | <u> </u> | <u> </u> | 匚            | _                              |          | <u> </u>     | L.   | <u> </u>     | Щ               |
|            | 45   | Ь—       | _        | _            | _                              | _        | <u> </u>     | <u> </u>   | -            | $\vdash$        |
|            | 46   | 1        | $\vdash$ | <u> </u>     | -                              | _        | ├-           | <u> </u>   | $\vdash$     | $\vdash \vdash$ |
| -          | 47   | -        | $\vdash$ | ├-           | $\vdash$                       | -        | <del> </del> | -  | -            | $\vdash$        |
| <u> </u>   | 48<br>49   | +        | ⊢        | ┢            | ⊢                              | -        | $\vdash$     | $\vdash$   | ├-           | Н               |
| -          | 50   | ├-       | $\vdash$ | $\vdash$     | $\vdash$                       | $\vdash$ | $\vdash$     | $\vdash$   | $\vdash$     | $\vdash$        |
|            | UUU  | <u> </u> |          |              | L                              | <u> </u> |              | L  |              | ш               |

| Cie          | Claiiii  |              | Date -   |  |              |              |          |  |          |              |
|--------------|----------|--------------|----------|--|--------------|--------------|----------|--|----------|--------------|
| Final        | Original |              |          |  |              |              |          |  |          |              |
|              | 51       |              |          | _  |              |              | -        |  |          |              |
| -            | 52       |              |          |  |              | _            | _        | _  |          |              |
| -            | 52       | $\vdash$     |          | -  | Н            |              | -        | _  |          |              |
| <u> </u>     | 53       |              | $\vdash$ | _  |              | Ш            |          |  | _        |              |
| <u> </u>     | 54<br>55 |              | <u> </u> |  |              |              |          |  |          |              |
| <u> </u>     | 55       |              |          |  | _            |              |          |  |          |              |
|              | 56       |              |          |  |              |              |          |  |          |              |
|              | 57       |              |          |  |              |              |          |  |          |              |
|              | 58       |              |          |  |              |              |          |  |          |              |
|              | 59       |              |          |  |              |              |          |  |          |              |
|              | 60       |              |          |  |              |              |          |  |          | _            |
| <u> </u>     | 61       | _            | -        | Н  |              | _            | _        |  |          |              |
| -            | 62       | _            | -        | -  |              | _            | _        | -  |          | _            |
| -            | 62<br>63 |              | -        |  |              | -            | -        | -  |          | _            |
| <b>—</b>     | 64       | Н            | Ι—       |  | -            | -            |          | -  | _        | -            |
| <u> </u>     | 64       |              | <u> </u> | _  | $\vdash$     | $\vdash$     | _        | Ь  |          | <u> </u>     |
|              | 65       |              | _        | L.   |              |              |          |  |          |              |
| <u> </u>     | 66       | :            |          |  | _            |              |          |  | $\vdash$ | _            |
|              | 67       |              | _        |  | <u> </u>     |              | _        |  |          | _            |
| 1            | 68       | _            | Щ        | L  |              | _            |          |  |          |              |
|              | 69       | Ш            | _        | _  | L            |              |          |  | _        | _            |
| <u> </u>     | 70       |              | _        | -  | -            |              |          | _  | _        | -            |
| <u> </u>     | 71       | _            | _        |  | $\vdash$     |              | -        | _  | -        | -            |
| -            | 72<br>73 | <u> </u>     | <u> </u> | <u> </u>   |              | -            | $\vdash$ | <u> </u>   | _        | _            |
| -            | 74       |              | _        | -  | $\vdash$     |              | -        | $\vdash$   | _        | $\vdash$     |
| <del>-</del> | 75       |              | _        | $\vdash$   | -            | -            | -        | _  | $\vdash$ | ⊢            |
|              | 76       | _            | Н        | $\vdash$   | _            | $\vdash$     |          |  |          |              |
|              | 77       |              |          | $\vdash$   |              |              |          |  |          | _            |
|              | 78       |              | Г        |  |              |              |          |  |          | Γ            |
|              | 79       |              |          |  | Г            |              |          |  |          |              |
|              | 80       |              |          |  |              |              |          |  |          |              |
|              | 81       |              |          |  | $\vdash$     |              |          |  |          |              |
|              | 82       |              |          | Г  |              |              |          |  |          |              |
|              | 83       |              |          |  |              |              |          |  |          |              |
|              | 84       |              |          |  |              |              |          |  |          |              |
|              | 85       |              |          | L  | L            |              |          |  |          |              |
|              | 86       |              | L        |  |              |              |          |  |          |              |
|              | 87       |              |          | <u> </u>   | ļ            | $oxed{oxed}$ | $\Box$   | _  | _        | <u>L</u>     |
|              | 88       | <u> </u>     | <u> </u> | <u> </u>   | <u> </u>     | Щ            |          | <u> </u>   | _        |              |
| <u> </u>     | 89       | <u> </u>     | ļ        | <u> </u>   | <u> </u>     | <u> </u>     | _        | <u> </u>   |          | <u> </u>     |
|              | 90       | <u> </u>     | <u> </u> | <u> </u>   | _            | <u> </u>     | <u> </u> | <u> </u>   | H        |              |
| <u> </u>     | 91       | <u> </u>     | -        | <u> </u>   | <u> </u>     | $\vdash$     | -        | $\vdash$   | <u> </u> | -            |
| -            | 92<br>93 | <del> </del> | ├-       | <del> </del>                                     | $\vdash$     | -            |          | $\vdash$   | $\vdash$ | -            |
| -            | 94       | $\vdash$     | -        | $\vdash$   | ┝            | $\vdash$     | <u> </u> | $\vdash$   | $\vdash$ | <del> </del> |
| <b>—</b>     | 95       | H            | ┢        |  | <del> </del> | $\vdash$     | $\vdash$ | <del>                                     </del> | $\vdash$ | $\vdash$     |
|              | 96       | $\vdash$     |          |  | $\vdash$     | <u> </u>     |          | <del>                                     </del> |          | $\vdash$     |
|              | 97       | ┢            | Η        | <del>                                     </del> | T            | $\vdash$     |          | Г  | Г        | Г            |
|              | 98       |              |          |  | Π            |              | L .      |  |          |              |
|              | 99       |              |          |  |              |              |          |  |          |              |
|              | 100      |              |          | Γ  |              |              |          |  |          |              |

|            | Claim  |          |              | Date                                |              |          |  |  |  |          |
|------------|--|----------|--------------|-------------------------------------|--------------|----------|--|--|--|----------|
|            |  |          |              |                                     |              |          |  |  |  |          |
| Final      | Original   |          |              |                                     |              |          |  |  |  |          |
|            | 101<br>102   |          |              |                                     |              |          |  |  |  |          |
|            | 102  |          |              |                                     | _            |          |  |  |  |          |
|            | 103  |          |              |                                     |              |          |  |  |  |          |
|            | 104  |          | _            |                                     | -            | -        |  |  | _  | 긕        |
|            | 103<br>104<br>105<br>106                             |          | -            | -                                   |              |          |  |  |  | $\dashv$ |
|            | 107  |          |              |                                     |              |          |  | -  |  | -        |
|            | 108<br>109<br>110                                    |          |              |                                     |              |          |  |  |  |          |
|            | 109  |          |              |                                     |              |          |  |  |  |          |
|            | 110  |          |              | Ш                                   |              |          |  |  |  |          |
|            | 111<br>112<br>113<br>114<br>115                      |          |              | $\perp$                             | _            | _        |  |  |  |          |
|            | 112  |          |              | <u> </u>                            | _            |          |  |  | _  | $\dashv$ |
|            | 113  |          |              |                                     | _            |          |  |  | H  | $\vdash$ |
|            | 114  | $\vdash$ |              | H                                   | -            |          | -  |  | -  | $\vdash$ |
|            | 116  |          |              | ┢                                   | _            | -        | _  | H  |  | -        |
|            | 116<br>117<br>118                                    |          |              | Н                                   |              | -        |  | _  |  |          |
|            | 118  |          |              |                                     |              | Т        |  |  |  |          |
|            | 119  |          |              |                                     |              |          |  |  |  |          |
|            | 120  |          |              |                                     |              |          |  |  |  |          |
|            | 121  |          |              | _                                   | _            |          |  | L  |  |          |
|            | 122  |          | $\perp$      | $ldsymbol{ldsymbol{ldsymbol{eta}}}$ | L.           |          |  | <u> </u>   | _  |          |
|            | 123  |          |              | -                                   | _            | <u> </u> | -  | _  | <u> </u>   | _        |
|            | 124  | $\vdash$ |              | -                                   | -            | ├        | -  | ┝  | -  | -        |
|            | 119<br>120<br>121<br>122<br>123<br>124<br>125<br>126 | $\vdash$ | $\vdash$     | ┢                                   | $\vdash$     |          | -  | ┢  | ┢─   |          |
|            | 127  | ┢        | $\vdash$     | ┢┈                                  | $\vdash$     | Н        | <del>                                     </del> | $\vdash$   | $\vdash$   |          |
|            | 128  | Т        |              |                                     |              |          | _  | $\vdash$   |  |          |
|            | 129  |          |              |                                     |              |          |  |  |  |          |
|            | 127<br>128<br>129<br>130<br>131                      |          |              |                                     |              |          |  |  |  |          |
|            | 131  |          | L.,          |                                     | <u> </u>     | L.       | <u> </u>   | <u> </u>   | _  |          |
|            | 132  |          |              | <u> </u>                            |              | <u> </u> | <u> </u>   | _  |  |          |
|            | 132<br>133<br>134                                    | <u> </u> | <u> </u>     | ⊢                                   | <u> </u>     | ┝        | $\vdash$   |  | $\vdash$   | Н        |
|            | 134  | -        | <del> </del> |                                     | ⊢            | $\vdash$ | -  | _  |  |          |
|            | 135<br>136<br>137                                    | $\vdash$ | $\vdash$     | -                                   |              |          | $\vdash$   | $\vdash$   | -  |          |
|            | 137  | -        | $\vdash$     | _                                   |              |          | <del>                                     </del> | Н  | <del>                                     </del> |          |
|            | 138  |          |              |                                     |              |          |  |  |  |          |
|            | 138<br>139   |          |              |                                     |              |          |  |  |  |          |
|            | 140  |          |              |                                     | Ĺ            |          | Ĺ  |  |  |          |
|            | 141  | _        | <u> </u>     | <u> </u>                            |              | L        | L  | L  | L  | Ш        |
|            | 142  | <u> </u> | <u> </u>     | -                                   | ⊢            | $\vdash$ | <u> </u>   | <del> </del>                                     | _  | $\vdash$ |
| <u> </u>   | 143<br>144   | <u> </u> |              | _                                   | _            | -        | <u> </u>   | -  | $\vdash$   | $\vdash$ |
| <b> </b> - | 144  | <u> </u> | -            |                                     | <del> </del> | -        | $\vdash$   | <del> </del>                                     | -  | $\vdash$ |
|            | 146  | $\vdash$ | $\vdash$     | -                                   | $\vdash$     | -        | $\vdash$   |  | ┢  | $\vdash$ |
|            | 147  | ┢        | Ι            | 1                                   | Г            | $\vdash$ | Г  | <del>                                     </del> | T  | М        |
| <b></b>    | 148  | Г        | Г            |                                     |              |          |  |  |  |          |
|            | 149  |          |              |                                     |              |          |  |  |  |          |
|            | 150  |          |              |                                     |              |          |  |  |  |          |